



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Therma-Tru Corporation
108 Mutzfeld Rd.
Butler, IN 46721**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Premium Series 6'8 Inswing Opaque Insulated Steel Door w & wo sidelites

APPROVAL DOCUMENT: Drawing No. S-2150, titled "Premium Series" 6-8 Single & Double In-swing Steel Door", sheets 1 through 8, prepared by RW Building Consultants, Inc., dated 08/09/01, with revision #1 dated 3/28/02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact and Non-Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 01-0828.09
Expiration Date: September 12, 2007
Approval Date: September 12, 2002
Page 1**

THERMA-TRU®

"PREMIUM SERIES"

INSWING 6-8 SINGLE AND DOUBLE W/ & W/OUT SIDELITES
INSULATED STEEL DOOR WITH WOOD FRAMES.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE FLORIDA BUILDING CODE.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
5. THIS SYSTEM DOES NOT MEET THE WATER REQUIREMENTS FOR "HIGH VELOCITY HURRICANE ZONES".
6. THIS SYSTEM REQUIRES WINDBORNE DEBRIS EXTERNAL PROTECTION AS PRESCRIBED IN SECTION 1626.1 OF THE FLORIDA BUILDING CODE, AT THE SIDELITES ONLY.
7. SIDELITES ARE AN OPTION AND CAN BE ORDERED IN A SINGLE OR DOUBLE CONFIGURATION.

RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

Door & Sidelite Leaf Construction:

Face sheets: 24 GA.(0.022") minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength $F_y(\min.)=48,471$ psi

Core design: Polyurethane foam core, with 1.9 lbs. density by BASF.

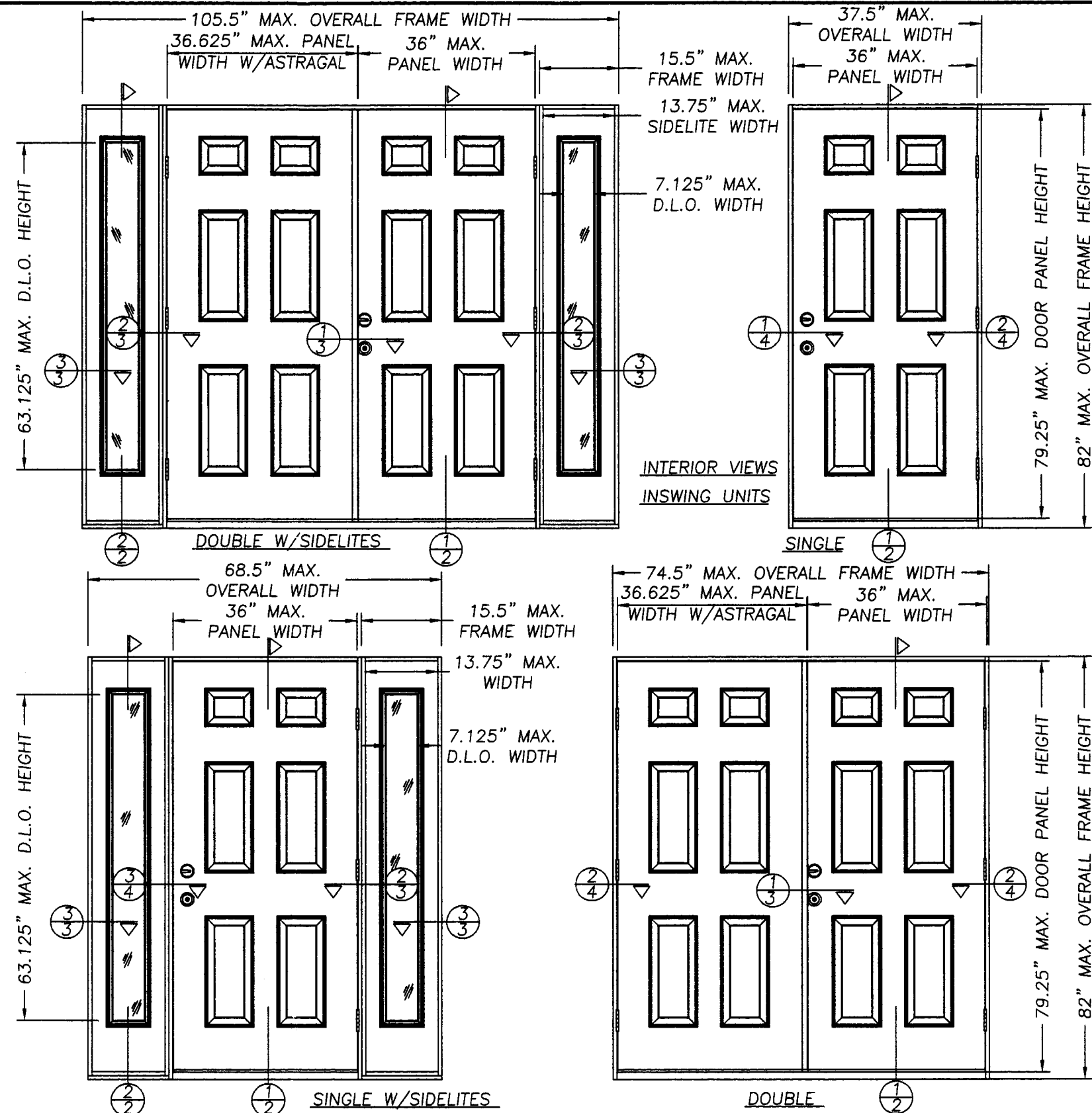
Door Panel Construction: Flush or embossed type. The vertical edges of the skin, rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed and pressure fitted with contact cement to the wood stiles at the corners.

Sidelite Panel Construction and Glazing: The vertical edges of the skin are rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood end rails are butt jointed to the wood stiles at the corners. The sidelite panels are sandwich glazed using a two piece lite frame with mitered & welded corners.

Frame Construction: The frame is constructed from finger jointed Ponderosa Pine measuring 4.656" wide x 1.25" thick. The header is joined to the side jambs with (3) 16ga. 1/2" crown x 2" long staples at each side. The threshold is joined to the side jambs with (2) 16ga. 1/2" crown x 2.5" long staples at each side. The mullions are secured together in a sidelite application using #8 x 2" long PFH Wood Screws (6) screws per each mullion. The unit uses an Inswing Saddle threshold measuring 5.75" x 1.548".

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5	ANCHORING LOCATIONS & DETAILS
6	ANCHORING LOCATIONS & GLAZING DETAILS
7	UNIT COMPONENTS
8	BILL OF MATERIALS & UNIT COMPONENTS



DESIGN PRESSURE RATING

UNIT TYPE	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
SINGLE & DOUBLE	+ 67.0 PSF - 67.0 PSF
SINGLE & DOUBLE WITH SIDELITES	+ 60.0 PSF - 60.0 PSF

Approved as complying with the
Florida Building Code
Date **SEPT 12, 2002**
NOA# **01-0828.09**
Miami Dade Product Control
Division
By *[Signature]*

THERMA-TRU®

108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT: "PREMIUM SERIES" 6-8
SINGLE & DOUBLE
IN-SWING STEEL DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATIONS
& GENERAL NOTES

NO.	DATE	GENERAL REVISION	WJN	BY
1	3/28/02			

RW BUILDING
CONSULTANTS, INC.
813.684.3831

DATE: 08/09/01

SCALE: N.T.S.

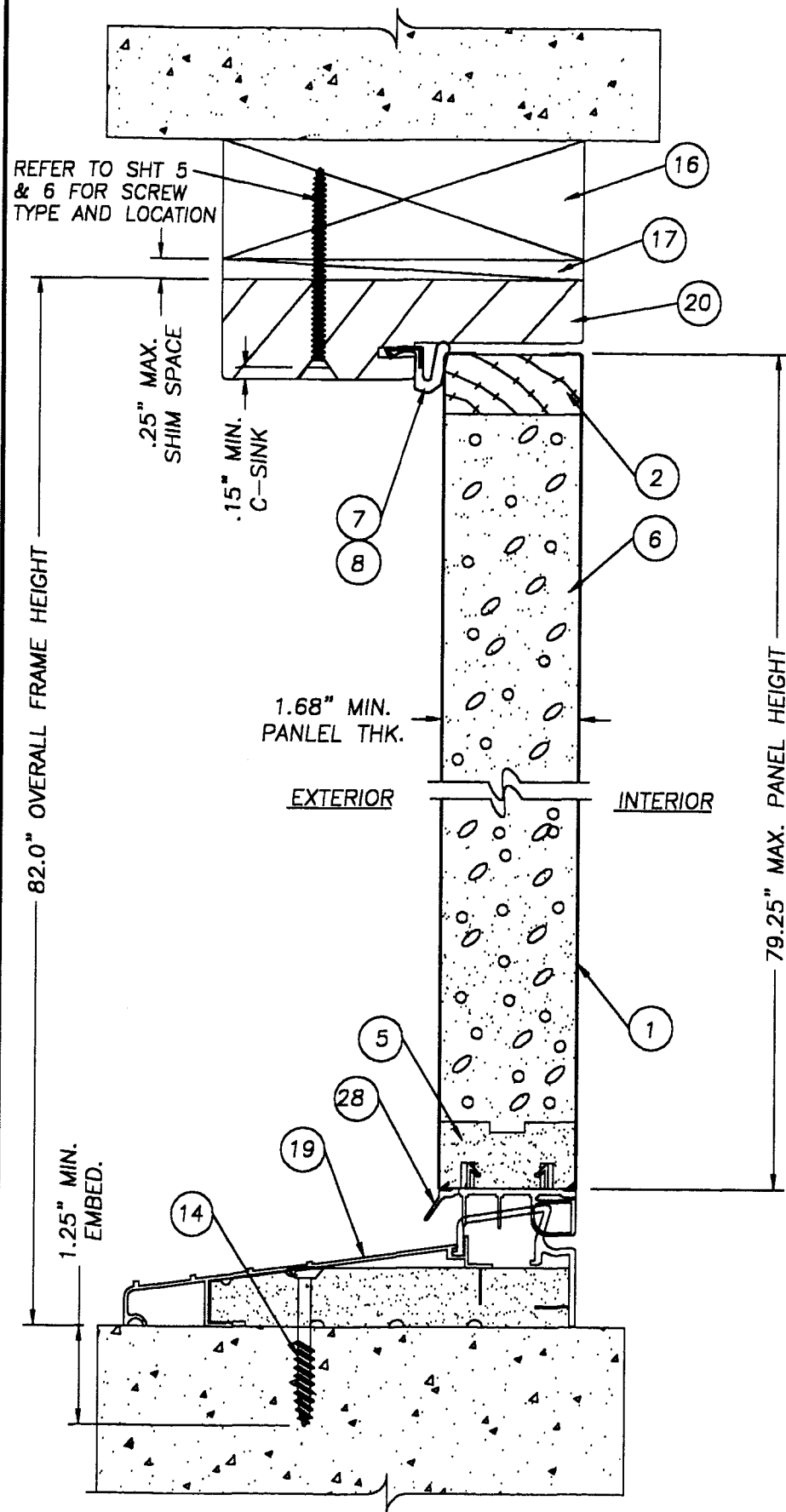
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CHK. BY: RW

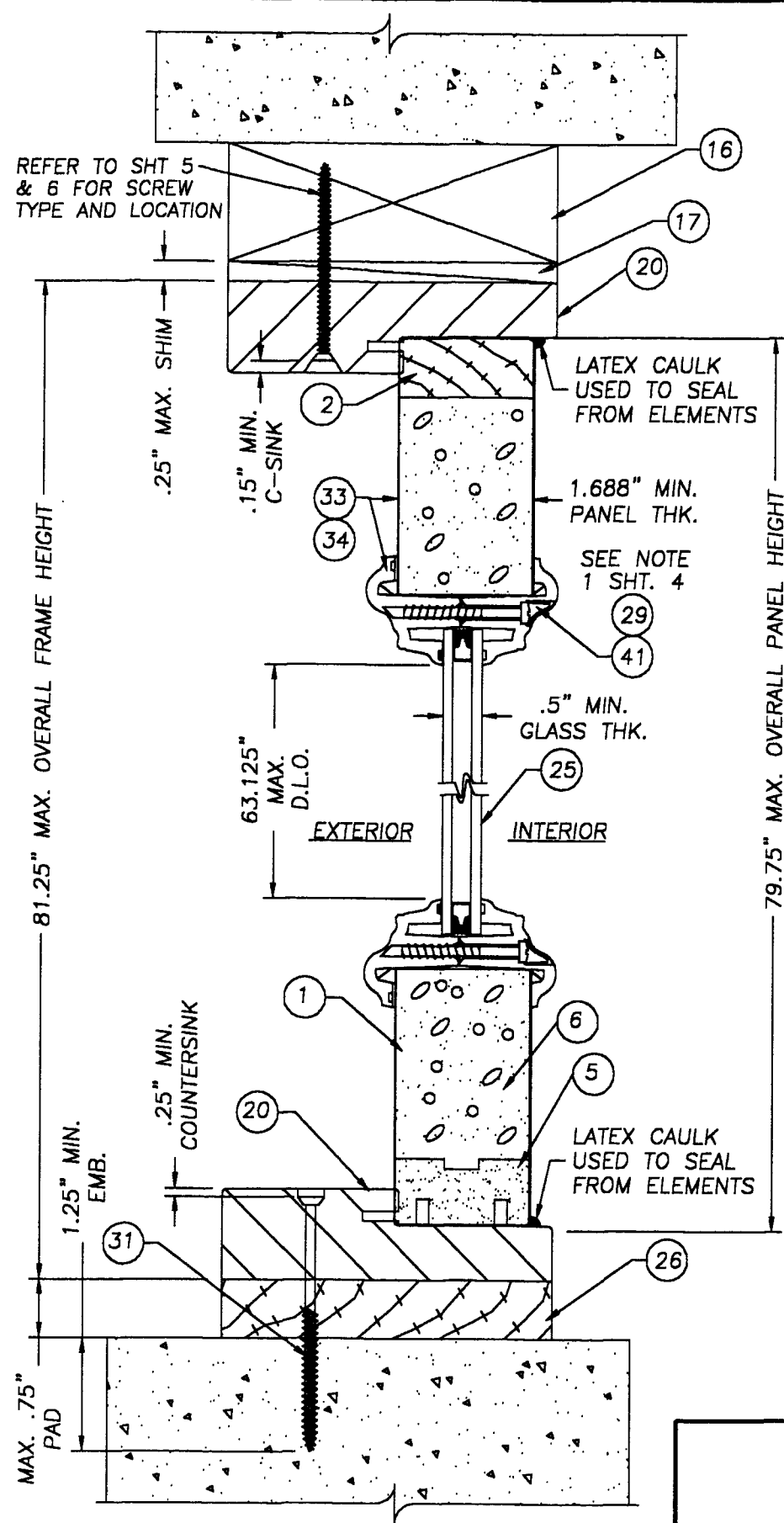
DRAWING NO.:

S-2150

SHEET 1 OF 8



1 VERTICAL CROSS SECTION
2 DOOR PANEL W/ SELF ADJUSTING SADDLE THRESHOLD



2 VERTICAL CROSS SECTION
2 SIDELITE PANEL

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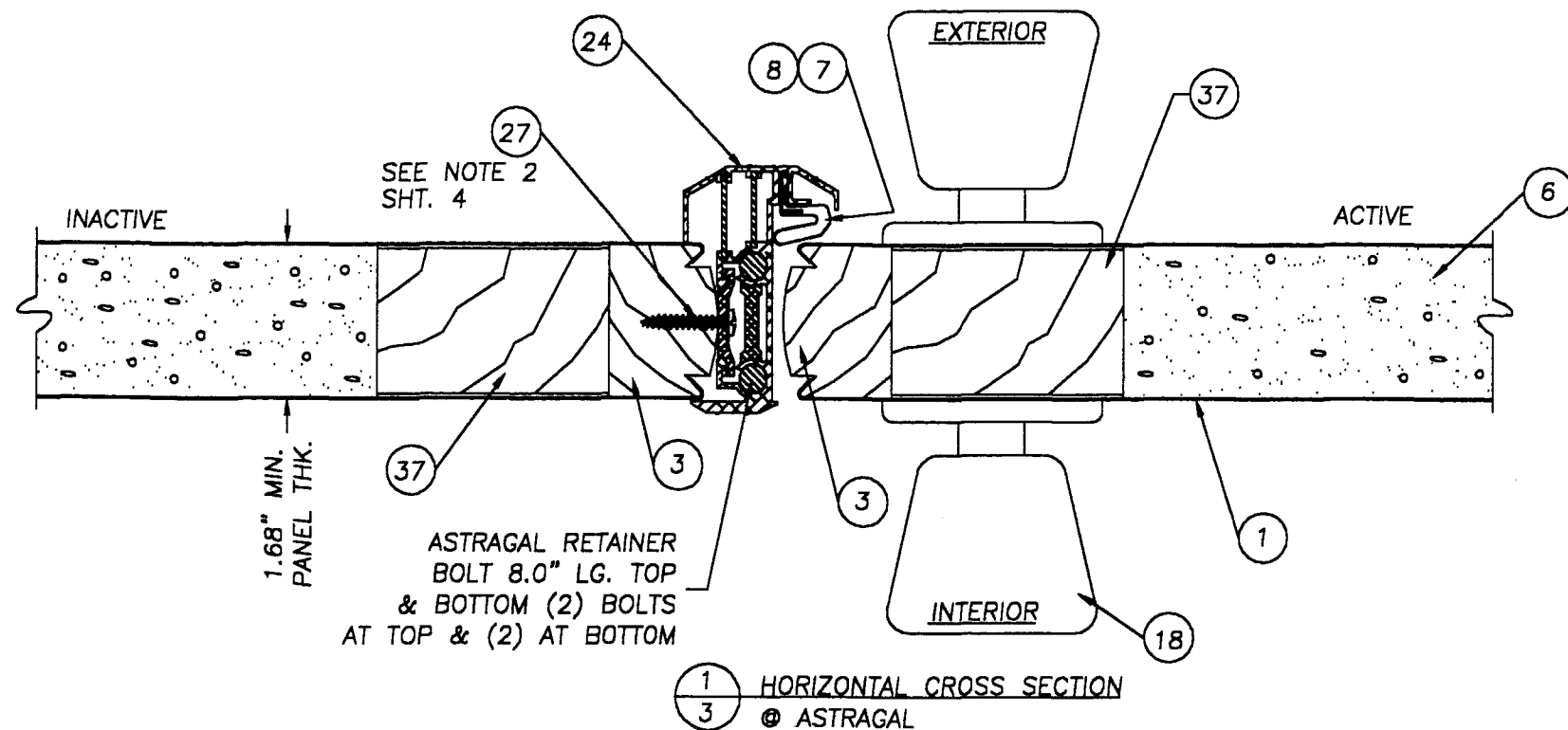
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PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

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1	3/28/02			

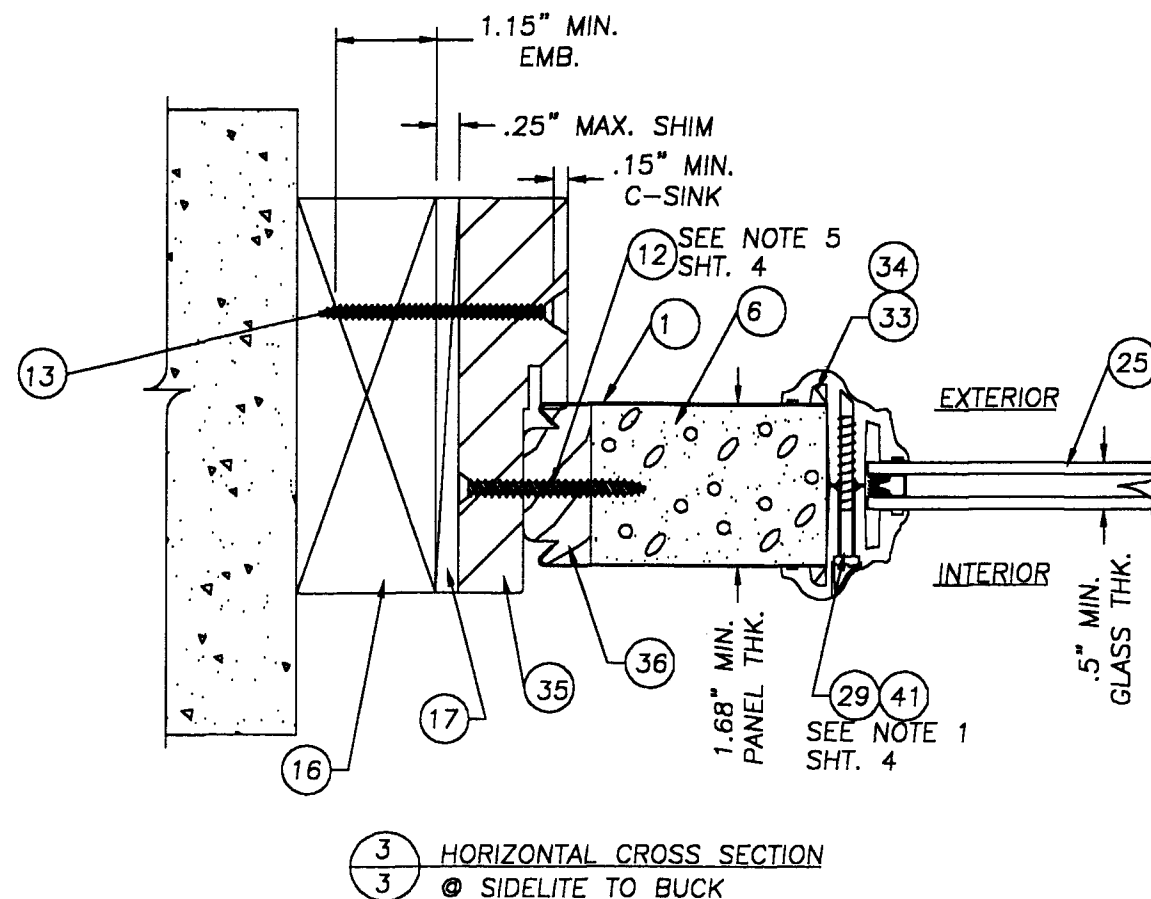
RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 08/09/01
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2150
SHEET 2 OF 8

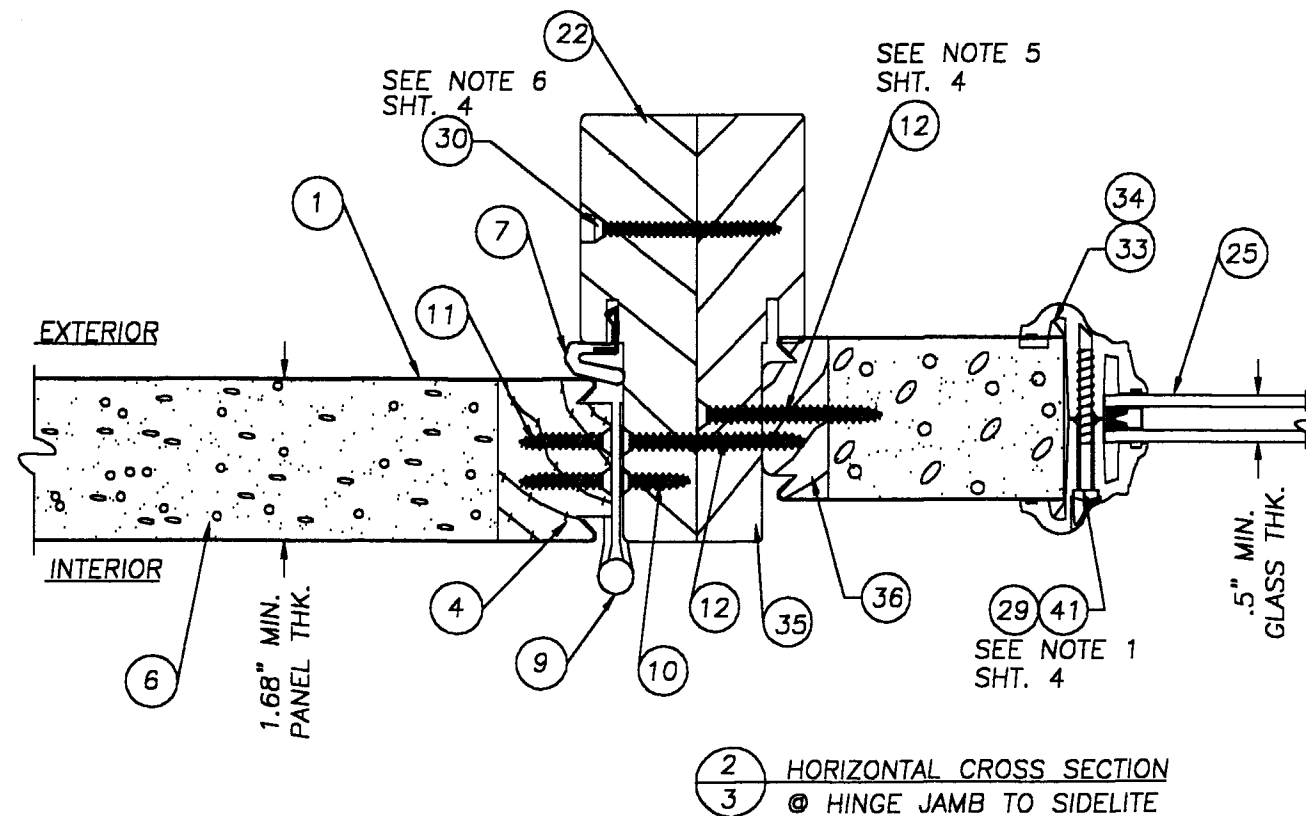
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Date SEPT. 12, 2002
NOA# 01-0828.09
Miami Dade Product Control Division
By Mamuel Perez



1 HORIZONTAL CROSS SECTION
3 ASTRAGAL



3 HORIZONTAL CROSS SECTION
3 SIDELITE TO BUCK



2 HORIZONTAL CROSS SECTION
3 HINGE JAMB TO SIDELITE

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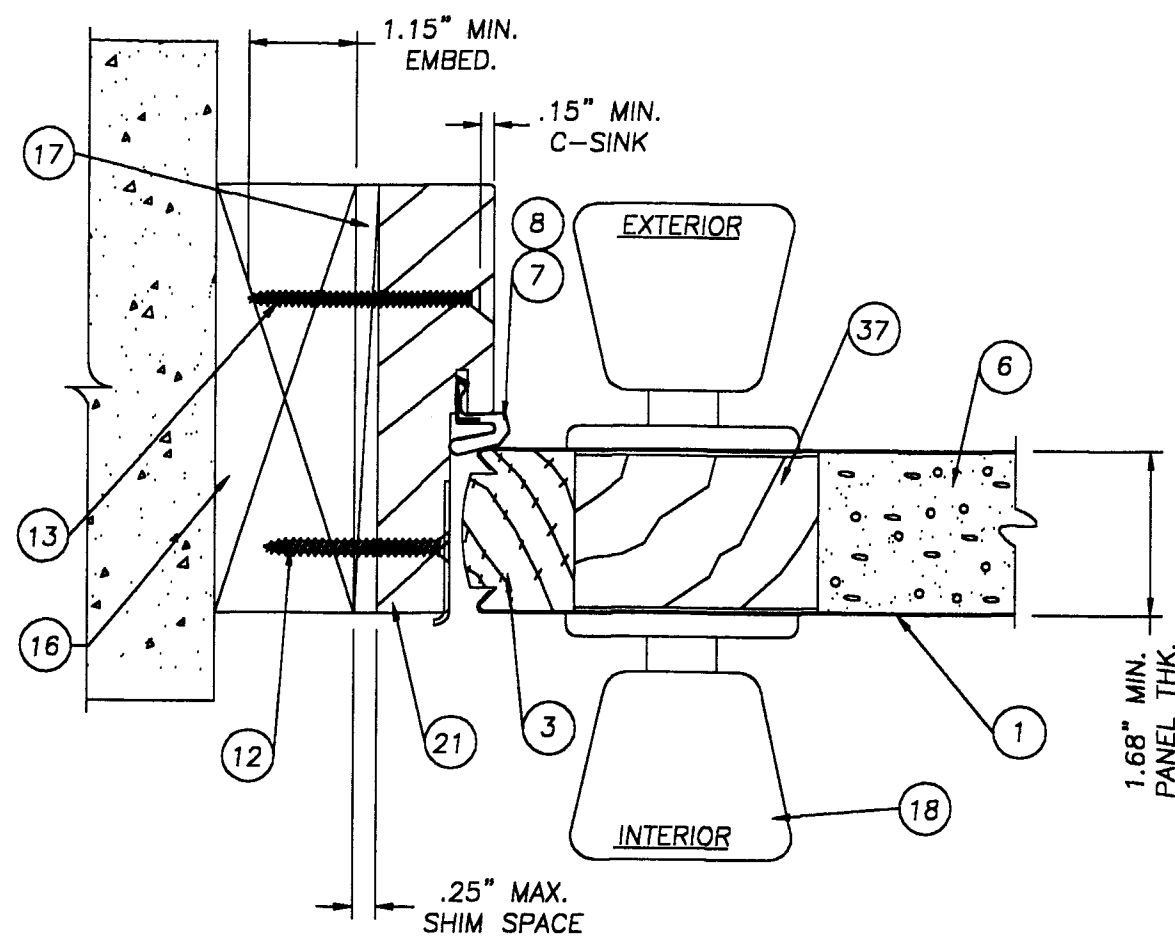
PRODUCT:
"PREMIUM SERIES" 6-8
SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

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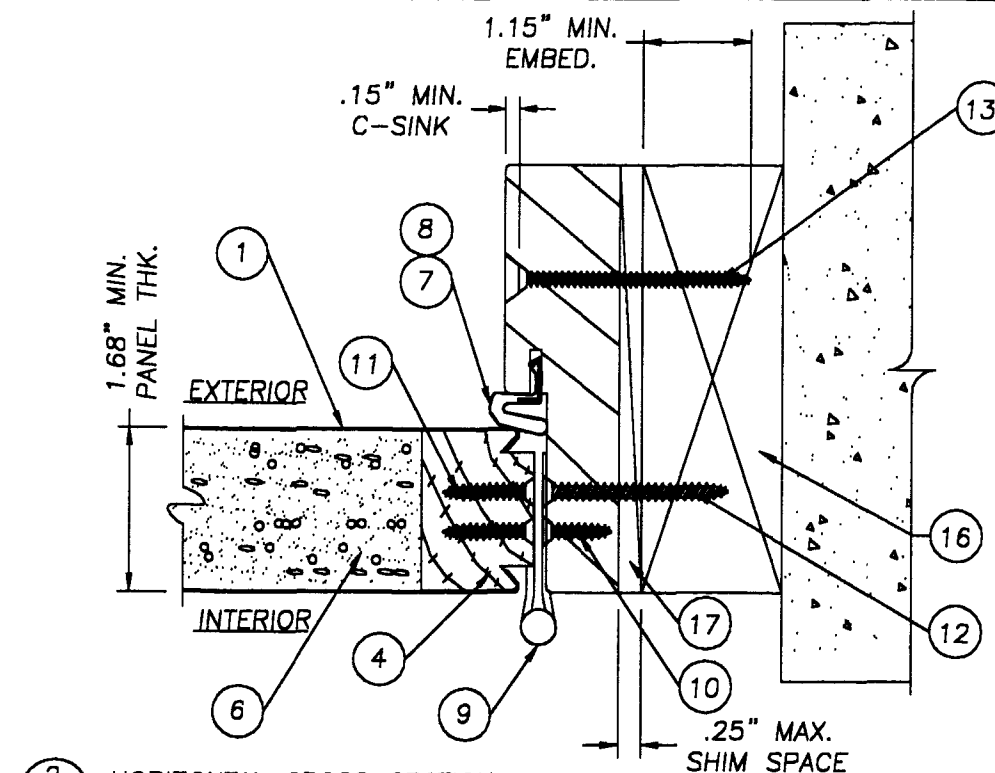
RW BUILDING
CONSULTANTS, INC.
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DATE: 08/09/01
SCALE: 1/2" = 1"
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.:
S-2150
SHEET 3 OF 8

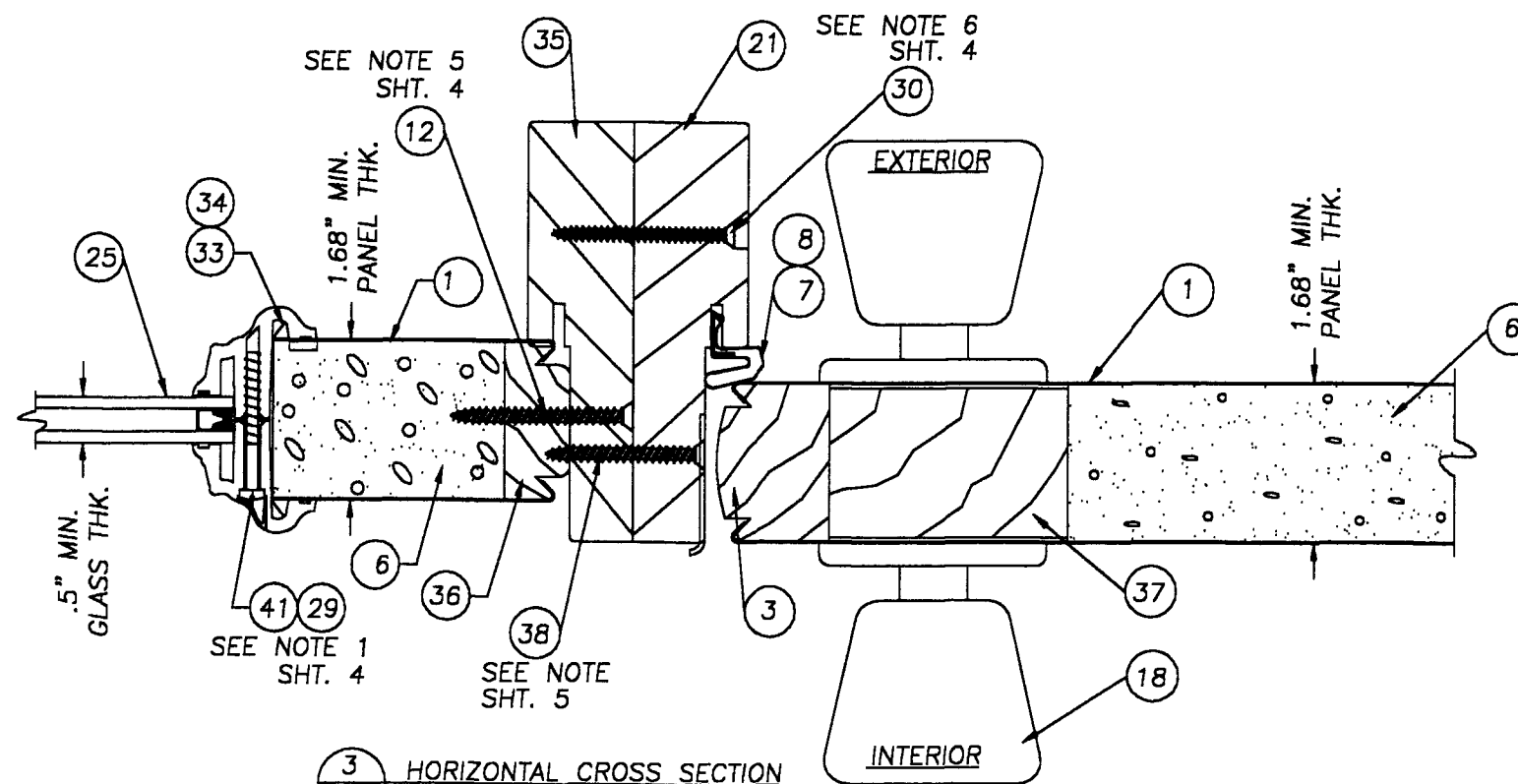
Approved as complying with the
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Date SEPT. 12, 2002
NOA# 01-0828.09
Miami Dade Product Control
Division
By [Signature]



1
4 HORIZONTAL CROSS SECTION
LATCH JAMB TO BUCK,



2
4 HORIZONTAL CROSS SECTION
HINGE JAMB TO BUCK,



3
4 HORIZONTAL CROSS SECTION
STRIKE JAMB TO SIDELITE

NOTES:

1. SPACING FOR ITEM #29 & #41 (LITE FRAME SCREWS) IS AS FOLLOWS: FROM THE TOP DOWN ON SIDES; 3", 14.75", 26.5", 38.25", 50.5" & 62.25". THERE IS (1) SCREW BOTH TOP AND BOTTOM AT 4.25" IN FROM CORNER.
2. SPACING FOR ITEM #27 #8 x 1" PANHEAD SCREW ATTACHING THE ASTRAGAL TO THE INACTIVE DOOR IS AS FOLLOWS: FROM THE BOTTOM UP AND TOP DOWN 1", 3", 5", 18.25", 40.5", 59.25", 74.25" AND 78.25".
3. THE HEAD JAMB IS ATTACHED TO THE SIDE JAMBS WITH (3) 16GA. x 1/2" CROWN x 2" STAPLES AT BOTH SIDES.
4. THE THRESHOLD IS ATTACHED TO THE SIDE JAMBS WITH (2) 16GA. x 1/2" CROWN x 2.5" STAPLES AT BOTH SIDES.
5. THE SIDELITE IS DIRECT SET INTO THE JAMB WITH ITEM #12 #10 x 2" PFH WOOD SCREW AT 6" DOWN FROM EACH CORNER AND A MAX. OF 12" O.C. ON THE SIDE JAMBS ONLY.
6. SPACING FOR ITEM #30, A #8 x 2.0" SCREW SECURING THE MULLIONS TOGETHER IS THE SAME AS THE PERIMETER ANCHORING SCREWS. 6" DOWN FROM THE TOP AND UP FROM THE BOTTOM WITH (4) MORE SPACED AT 14.0" O.C.

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PH. (219) 868-5811

PRODUCT:
"PREMIUM SERIES" 6-8
SINGLE & DOUBLE
IN-SWING STEEL DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS & NOTES

NO.	DATE	GENERAL REVISION	WLN	BY
1	3/28/02			

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813.684.3831

DATE: 08/09/01

SCALE: 1/2" = 1"

DWG. BY: TJH

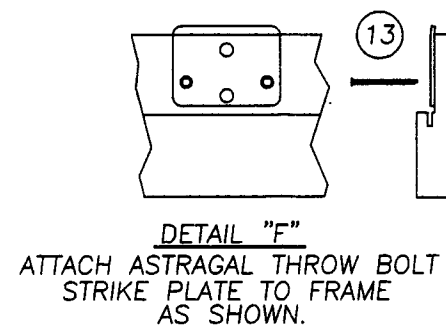
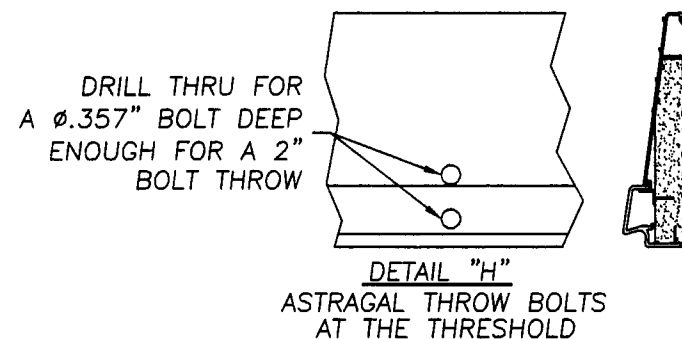
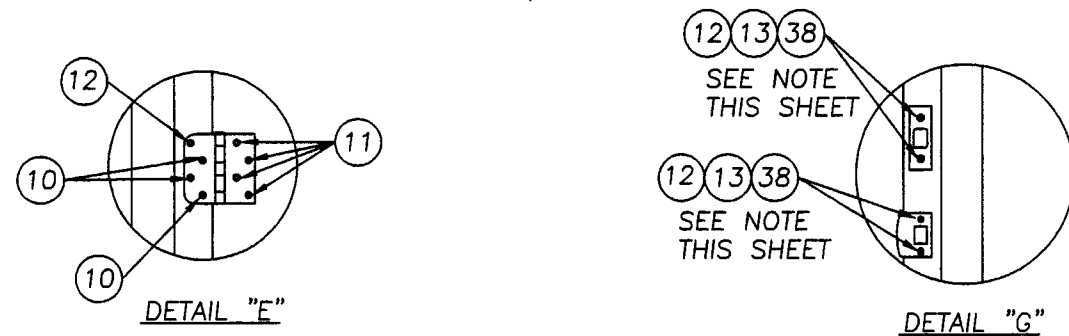
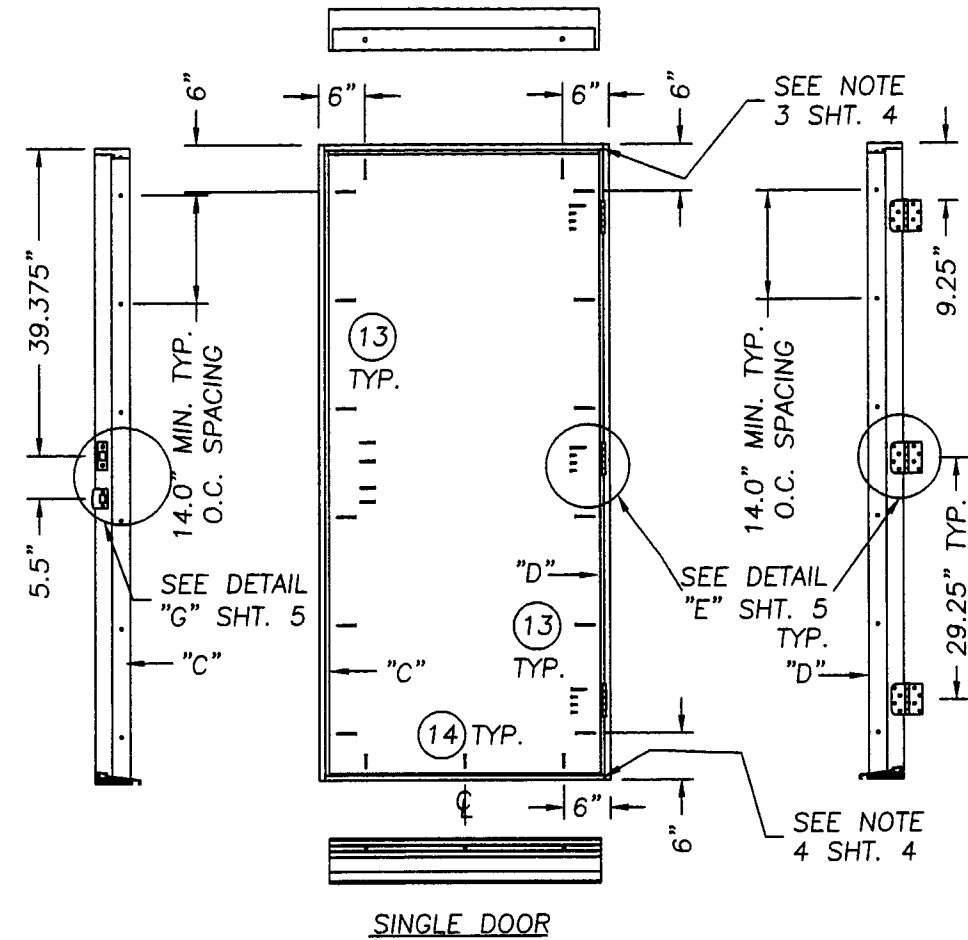
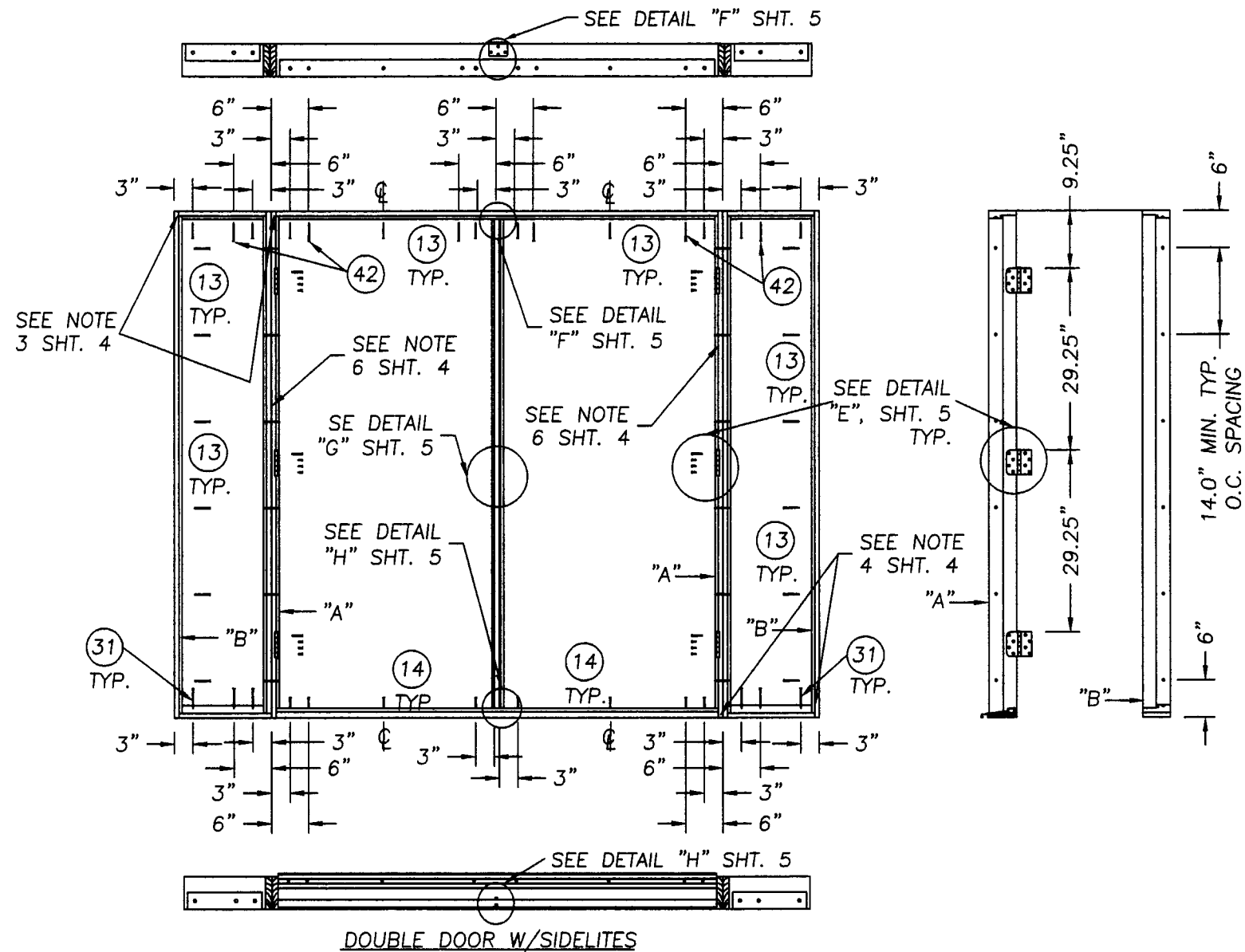
CHK. BY: RW

DRAWING NO.:

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SHEET 4 OF 8

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Florida Building Code
Date SEPT. 12, 2002
NOA# 01-0828.09
Miami Dade Product Control
Division
By Manuel Saez



NOTE:
WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND BUCK USE A #10 x 2" SCREW. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE ASTRAGAL USE A #8 x 2 1/2" SCREW. WHEN ATTACHING THE STRIKE & DEADBOLT PLATES TO THE STRIKE JAMB AND SIDELITE JAMB USE A #10 x 1 3/4" SCREW.

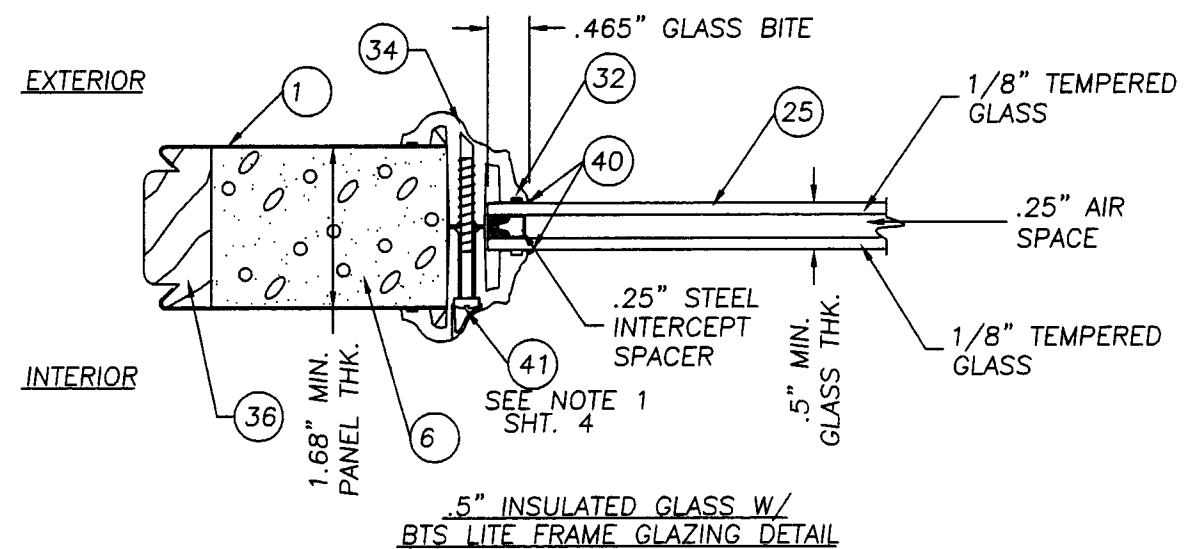
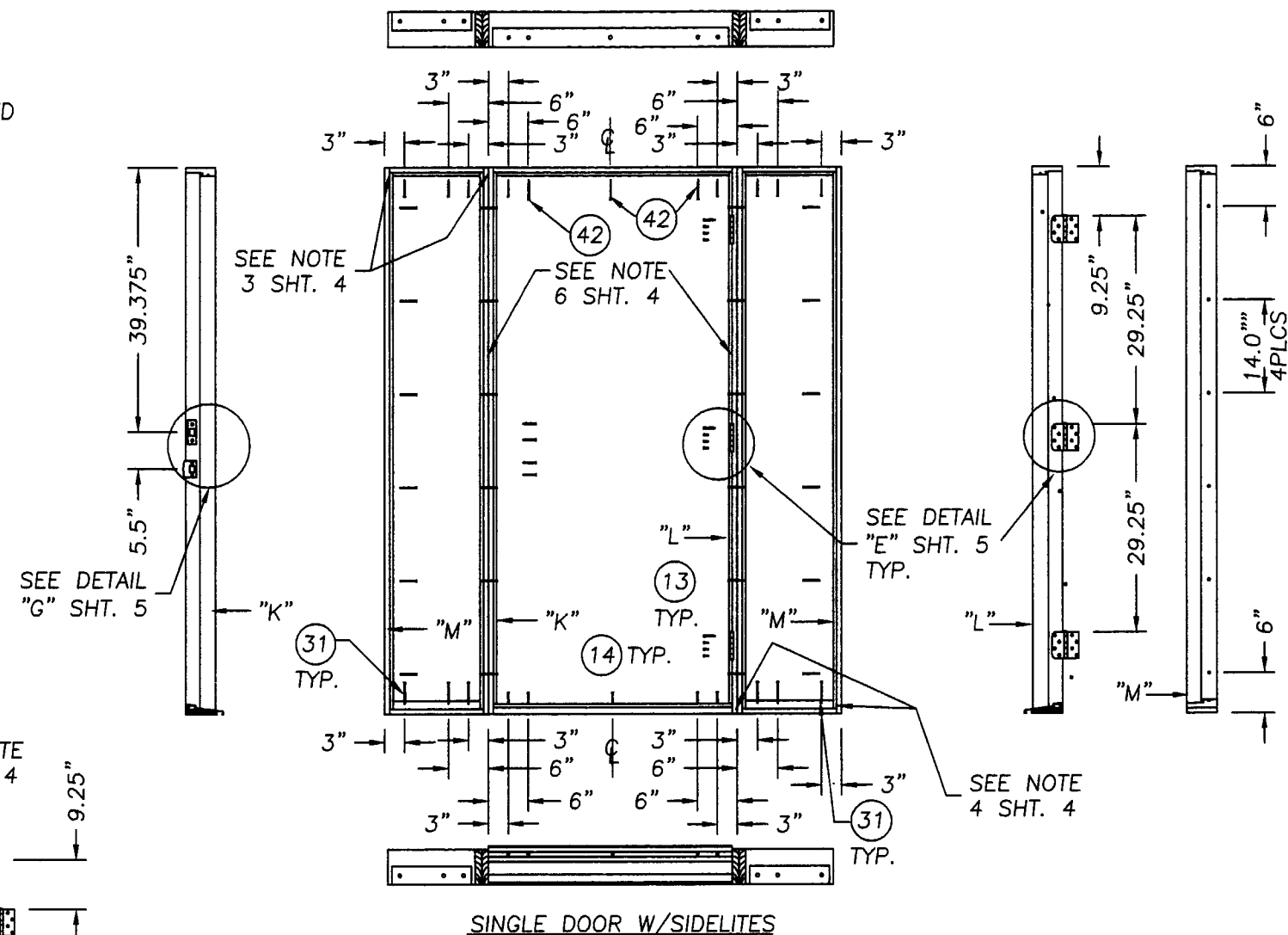
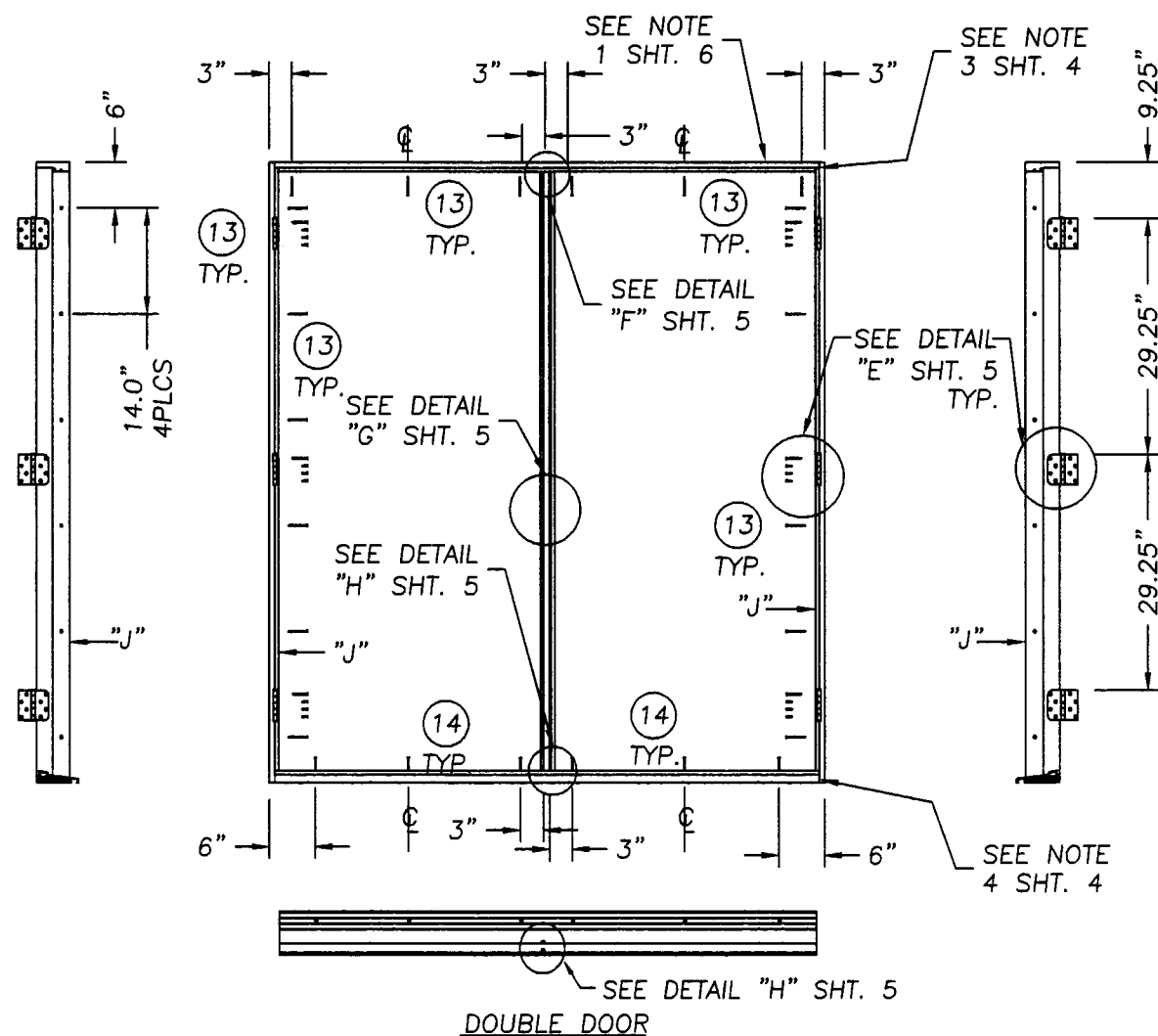
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BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT:		PART OR ASSEMBLY:		ANCHORING LOCATIONS & DETAILS	
"PREMIUM SERIES" 6-8 SINGLE & DOUBLE IN-SWING STEEL DOOR		WLN		BY	
		GENERAL REVISION		REVISIONS	
		DATE			
		NO.			
		1		3/28/02	

RW BUILDING CONSULTANTS, INC.
813.684.3831

Approved as complying with the Florida Building Code
Date **SEPT. 12, 2002**
NOA# **01-0828.09**
Miami Dade Product Control
Division
By **Manuel Perez**

DATE: 08/09/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2150
SHEET 5 OF 8



1. THE EXTRA SCREWS ARE NOT
REQUIRED UNLESS THE UNIT IS MULLED
TO SIDELITES.

Approved as complying with the
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By Manuel Perez

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PRODUCT:
"PREMIUM SERIES" 6-8
SINGLE & DOUBLE
IN-SWING STEEL DOOR

**ANCHORING LOCATIONS
& GLAZING DETAILS:**

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**RW BUILDING
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813.684.3831

DATE: 08/09/01

SCALE: N.T.S.

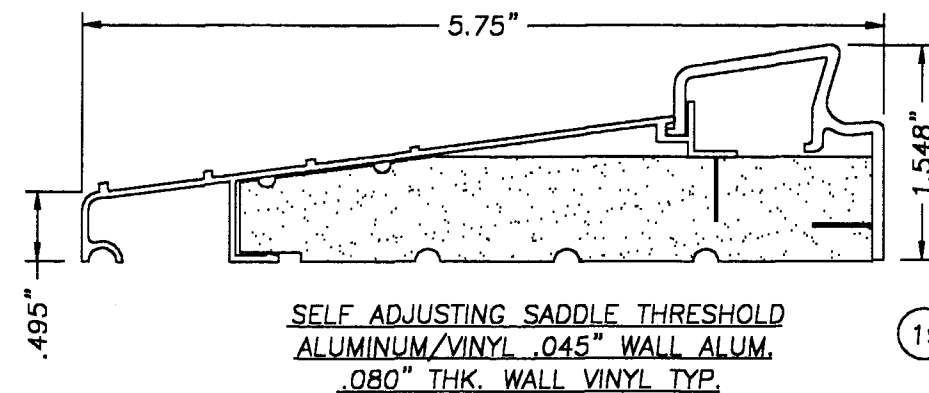
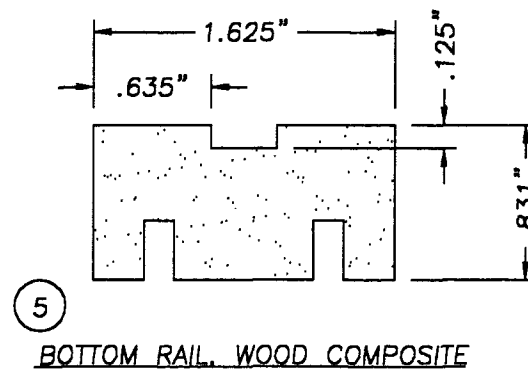
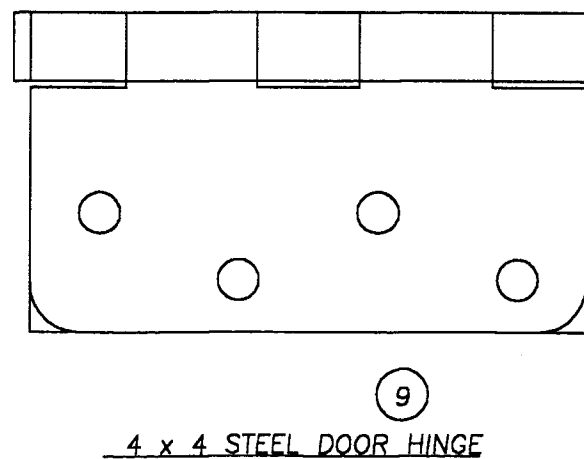
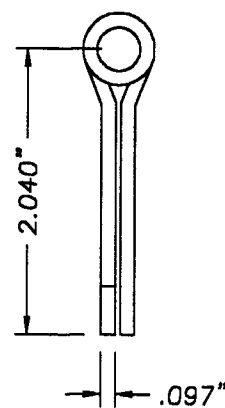
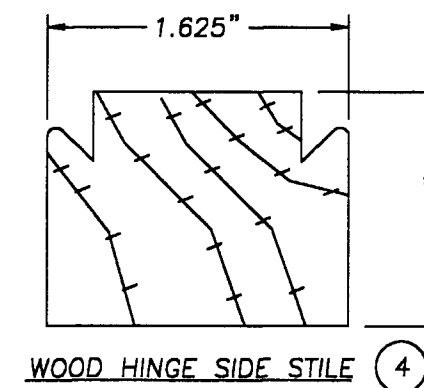
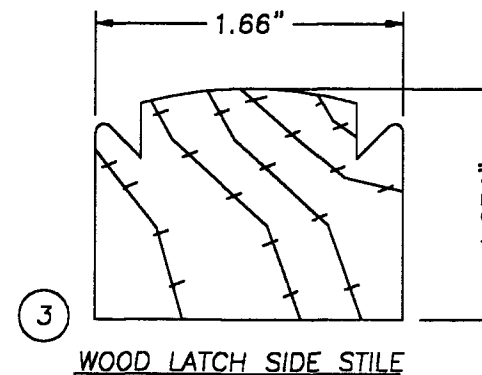
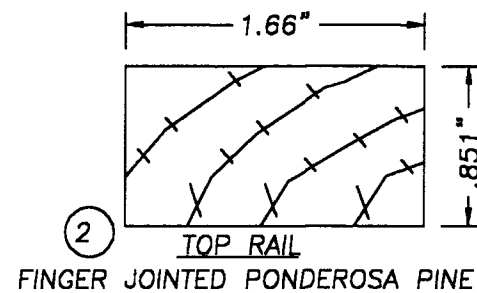
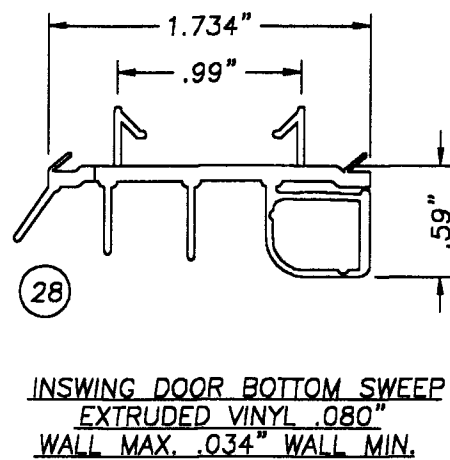
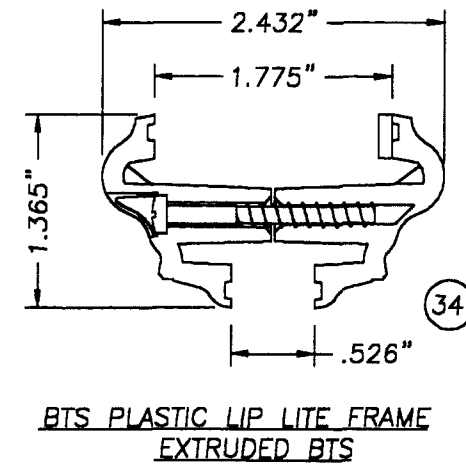
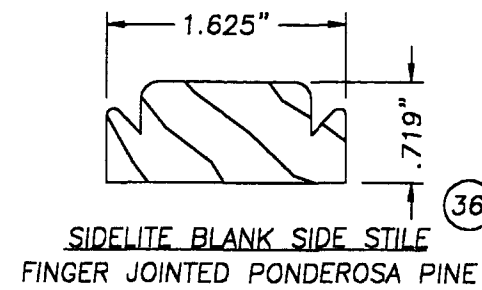
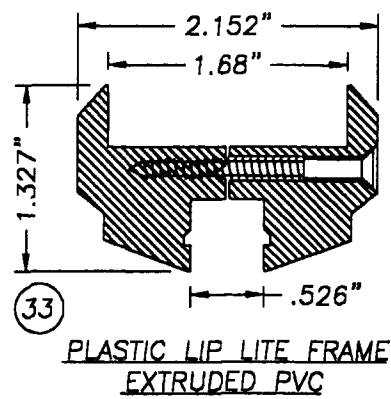
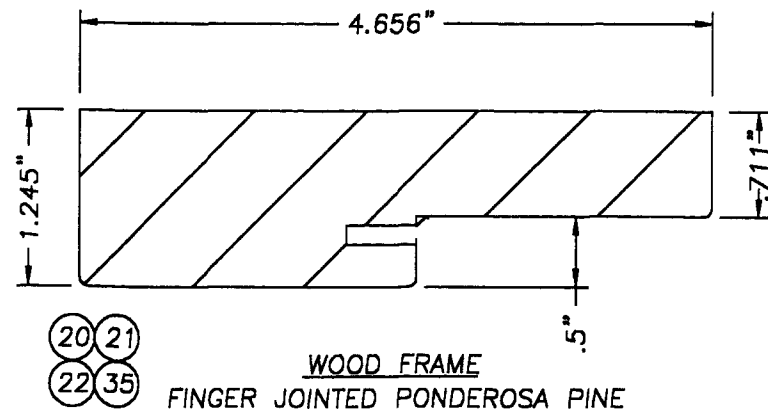
DWG. BY: TJH

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DRAWING NO.:

S-2150

SHEET 6 OF 8



NOTE:
ALL DIMENSION SHALL BE MINIMUM AS LARGEST TESTED

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PRODUCT:
"PREMIUM SERIES" 6-8
SINGLE & DOUBLE
IN-SWING STEEL DOOR
PART OR ASSEMBLY:
UNIT COMPONENTS

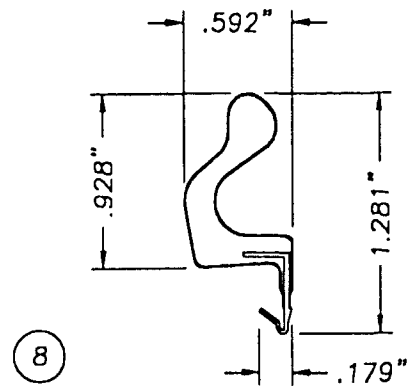
NO.	DATE	GENERAL REVISION	WLN	BY
1	3/28/02			

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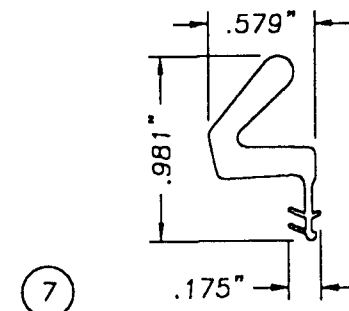
DATE: 08/09/01
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2150
SHEET 7 OF 8

Approved as complying with the
Florida Buiding Code
Date SEPT. 12, 2007
NOA# 01-0828.09
Miami Dade Product Control
Division
By [Signature]

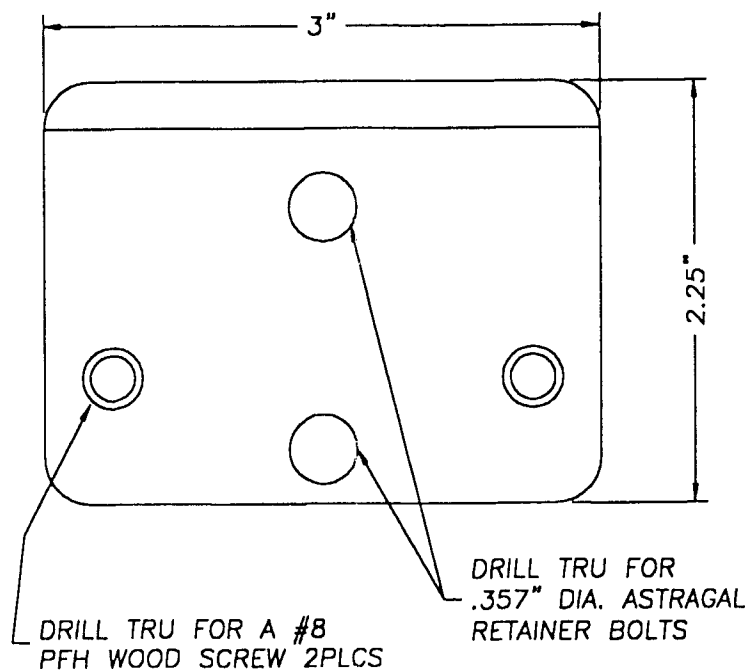
Item	DESCRIPTION	Material
1	DOOR SKIN; CONSTRUCTION SERIES 25GA. (.018" MIN.)	STEEL
2	TOP RAIL (1.628" x .851" THERMA-TRU PONDEROSA PINE)	WOOD
3	LATCH STILE (THERMA-TRU, PONDEROSA PINE 1.66" x 1.234")	WOOD
4	HINGE STILE (THERMA-TRU, PONDEROSA PINE 1.625" x 1.25")	WOOD
5	BOTTOM RAIL (1.628" x .831" THERMA-TRU WOOD COMPOSITE)	WOOD COMPOSITE
6	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
7	SHORT REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
8	LONG REACH COMPRESSION WEATHERSTRIP (THERMA-TRU)	FOAM
9	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
10	#10 x 3/4" LG. PFH WOOD SCREW (Hinge to Frame)	STEEL
11	#10 x 1" LG. PFH WOOD SCREW	STEEL
12	#10 x 2" LG. PFH WOOD SCREW	STEEL
13	#8 x 2 1/2" LG. PFH WOOD SCREW	STEEL
14	3/16" x 2.0" MIN. TAPCON ANCHOR (ELCO)	STEEL
15	NOT USED	
16	2x WOOD BUCK	WOOD
17	MAX. 1/4" SHIM MATERIAL	WOOD
18	KWIKSET TITAN 700 SERIES PASSAGE LOCK	-
19	SELF ADJUSTING INSWING SADDLE THRESHOLD	ALUM./WOOD
20	4.656" HEADER (THERMA-TRU, PONDEROSA PINE)	WOOD
21	4.656" STRIKE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
22	4.656" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
23	KWIKSET TITAN 700 SERIES DEADBOLT	-
24	ASTRAGAL WINDJAMBER II WR68T (.052" WALL)	ALUM.
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	#8 x 1" LG. PANHEAD SHEET METAL SCREW	STEEL
28	INSWING DOOR BOTTOM SWEEP	VINYL
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW (FOR ITEM #33)	STEEL
30	#8 x 2" LG. PFH WOOD SCREW	STEEL
31	3/16" x 3 1/4" MIN. TAPCON ANCHOR (ELCO)	STEEL
32	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	-
33	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)	PVC
34	PLASTIC LIP LITE FRAME (BTS, THERMA-TRU)	BTS
35	4.656" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
36	SIDELITE SIDE STILE (THERMA-TRU, 1.625" x .719" PONDEROSA PINE)	WOOD
37	LOCK BLOCK 2.625" x 10.375" x 1.625" THK.	WOOD
38	#10 x 1 3/4" LG. PFH WOOD SCREW	STEEL
39	NOT USED	-
40	SILICONE CAULK	SILICONE
41	#8-10 x 1 1/2" PLASCREW (FOR ITEM #34)	STEEL
42	#10 x 3" LG. PFH WOODSCREW	STEEL



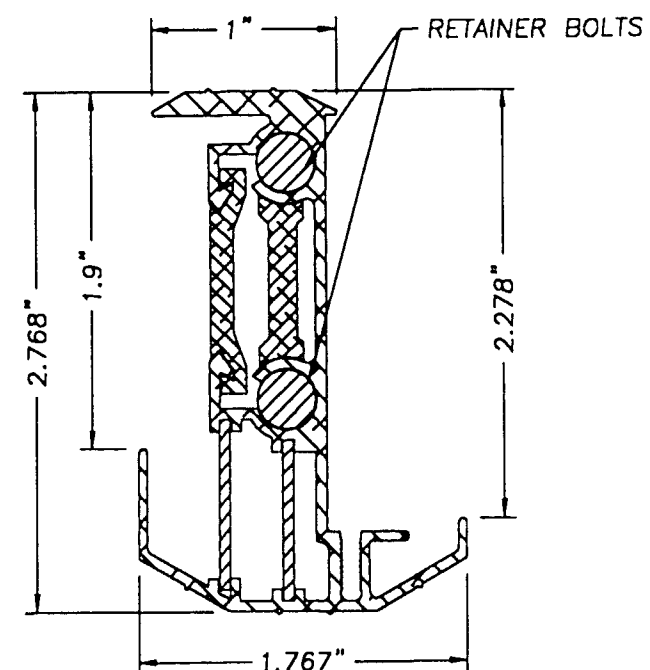
8
LONG REACH COMPRESSION WEATHERSTRIP
FOAM CELL CORE W/VINYL JACKET



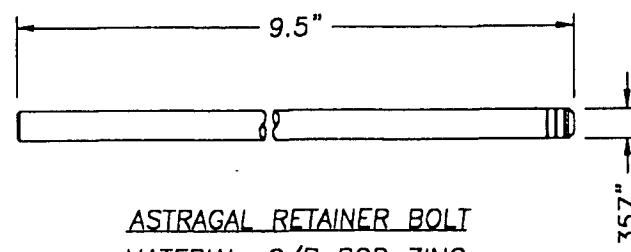
7
COMPRESSION WEATHERSTRIP
BY THERMA-TRU
FOAM CELL CORE W/VINYL JACKET



WINDJAMBER II WR68T STRIKE PLATE



24
WINDJAMBER II WR68T
ASTRAGAL (ALUMINUM .052" WALL TYP.)



ASTRAGAL RETAINER BOLT
MATERIAL: C/R ROD ZINC
& YELLOW CHROMATE

THERMA-TRU®

108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT:
"PREMIUM SERIES" 6-8
SINGLE & DOUBLE
IN-SWING STEEL DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS &
UNIT COMPONENTS

NO.	DATE	GENERAL REVISION	WLN	BY
1	3/28/02			

RW BUILDING
CONSULTANTS, INC.
813.684.3831

DATE: 08/09/01

SCALE: N.T.S.

DWG. BY: TJH

CHK. BY: RW

DRAWING NO.:
S-2150

SHEET 8 OF 8

Approved as complying with the
Florida Building Code
Date: SEPT. 12, 2002
NOAH 01-0828.09
Miami Dade Product Control
Division
By: *[Signature]*